

SRRTEP Committee: Western DEOK Supplemental Projects

August 29, 2019

Needs

Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process

DEOK Transmission Zone M-3 Process

Need Number: DEOK 2019-021

Process Stage: Needs Meeting 08-29-2019

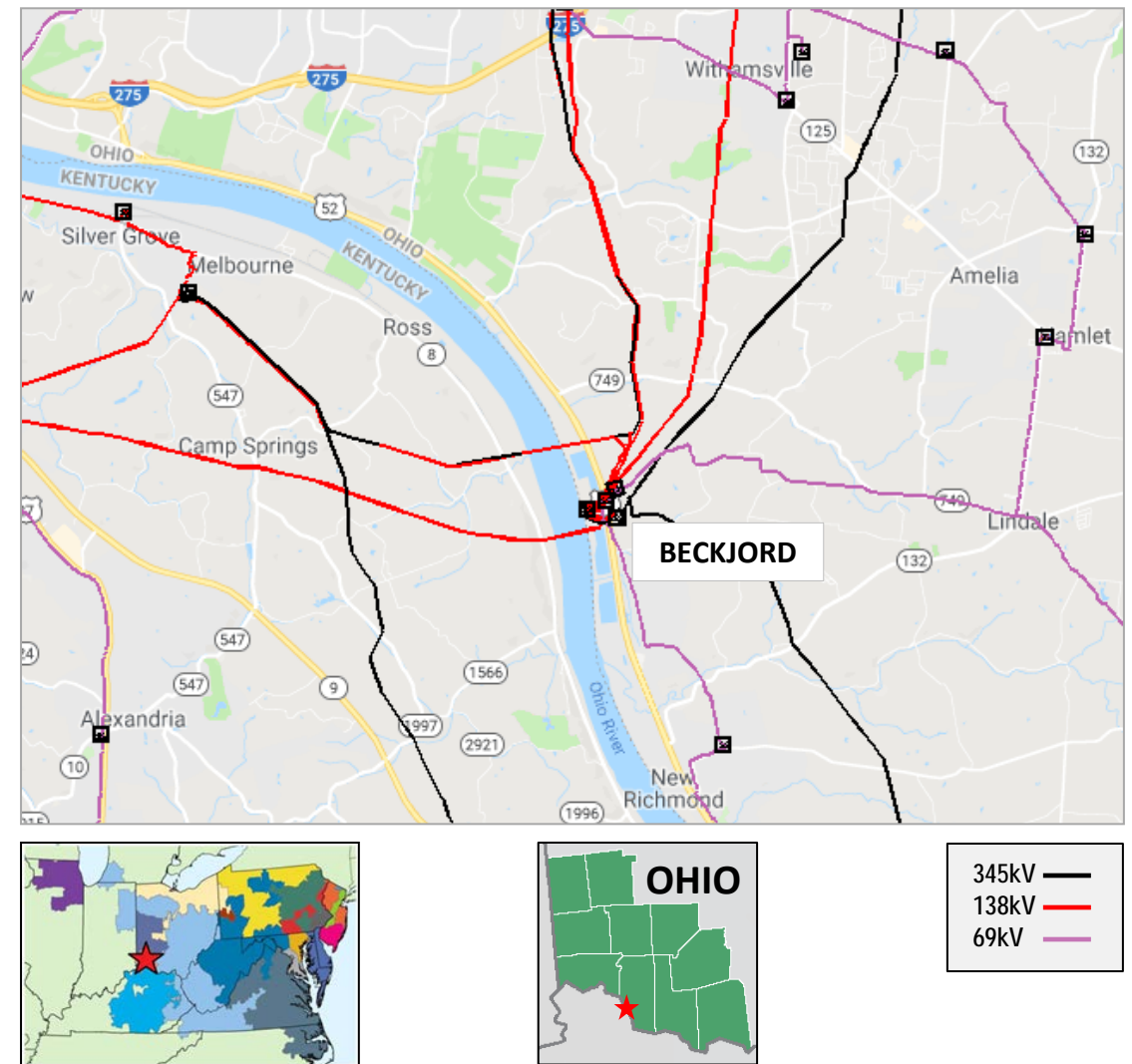
Project Driver: Equipment Condition, Performance and Risk

Specific Assumption Reference:

Duke Energy Ohio & Kentucky Local Planning Assumptions slides 6 - 7

Problem Statement:

Beckjord 138kV buses 5 and 6 are in deteriorating condition. Constructed with copper bus and with cap and pin insulators, they were put in service in 1962. Structural steel is rusting. Rebar is showing through the structural and equipment foundations. Three breakers are connect to each bus. These breakers are oil filled and obsolete. The installation dates for these breakers are: 1975, 1991, 1973, 1991, 1969, and 1973.



DEOK Transmission Zone M-3 Process

Need Number: DEOK 2019-022

Process Stage: Needs Meeting 08-29-2019

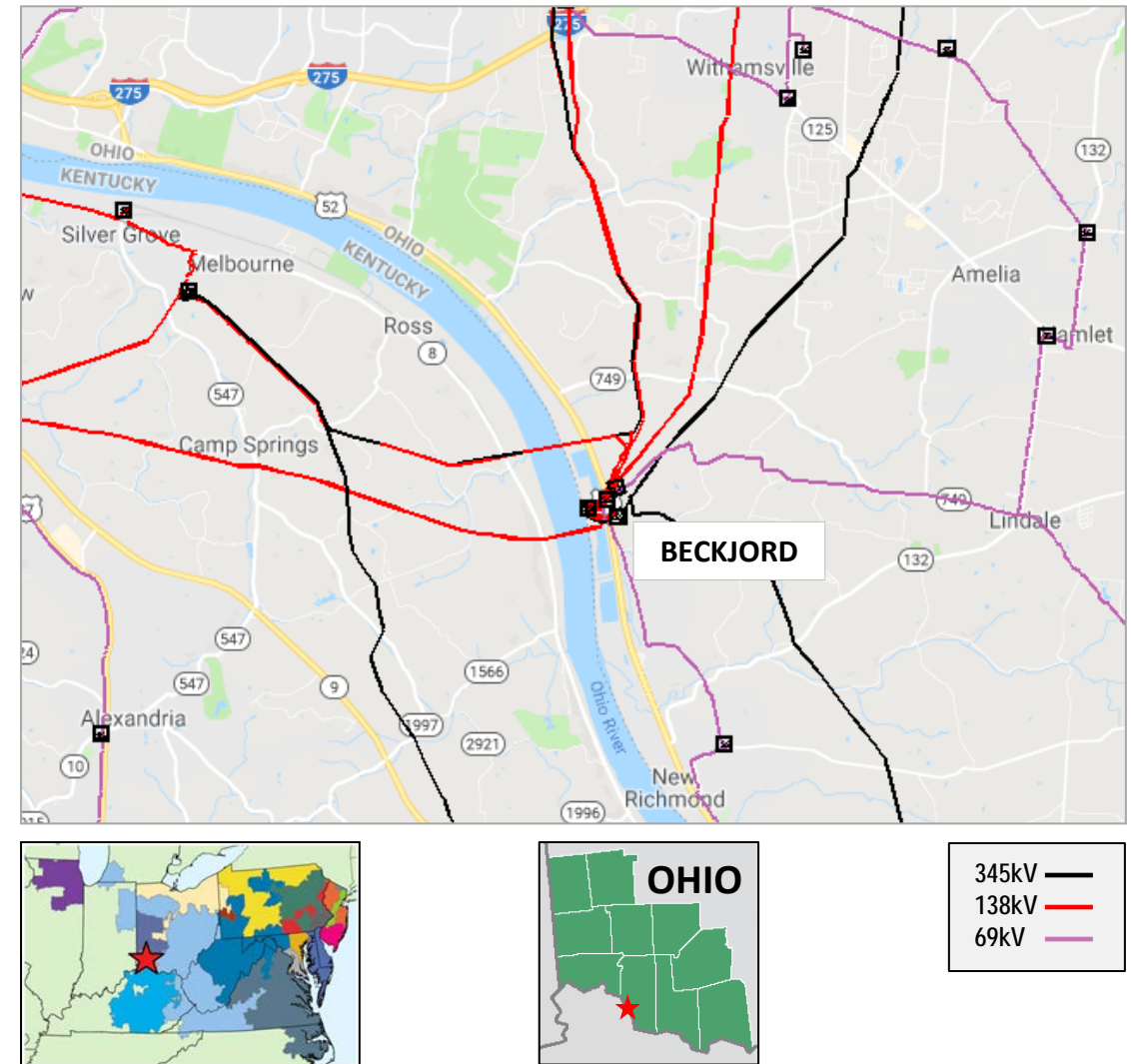
Project Driver: Equipment Condition, Performance and Risk

Specific Assumption Reference:

Duke Energy Ohio & Kentucky Local Planning Assumptions slides 6 - 7

Problem Statement:

Beckjord 138kV buses 1 and 2 are in deteriorating condition. Constructed with copper bus and with cap and pin insulators, they were put in service in 1952. Structural steel is rusting. Rebar is showing through the deteriorating structural and equipment foundations. Three breakers are connected at each bus. One, installed in 2004, uses SF6 gas. The five others are oil filled, obsolete and were installed in 1973.



Appendix

High Level M-3 Meeting Schedule

Assumptions	Activity	Timing
	Posting of TO Assumptions Meeting information	20 days before Assumptions Meeting
	Stakeholder comments	10 days after Assumptions Meeting
Needs	Activity	Timing
	TOs and Stakeholders Post Needs Meeting slides	10 days before Needs Meeting
	Stakeholder comments	10 days after Needs Meeting
Solutions	Activity	Timing
	TOs and Stakeholders Post Solutions Meeting slides	10 days before Solutions Meeting
	Stakeholder comments	10 days after Solutions Meeting
Submission of Supplemental Projects & Local Plan	Activity	Timing
	Do No Harm (DNH) analysis for selected solution	Prior to posting selected solution
	Post selected solution(s)	Following completion of DNH analysis
	Stakeholder comments	10 days prior to Local Plan Submission for integration into RTEP
	Local Plan submitted to PJM for integration into RTEP	Following review and consideration of comments received after posting of selected solutions

Revision History

8/19/2019 – V1 – Original version posted to pjm.com

8/26/2019 – V2 – Slide #4, changed “four” to “five” in the last line of problem statement